

Abstract

5 The invention relates to a method for the automatic
analysis of microscope images of biological objects such
as, for example, fluorescence images of cells,
comprising: a) at least two microscope images are taken
from a sample; b) a positive training set is determined
from image excerpts; c) a negative training set is
10 determined from a sequence of image excerpts; d)
characteristic features of a training set are assigned
to classification values; e) classification values of a
sequence of images are automatically determined by means
of the assignment determined in d); f) the position of
15 biological objects is recognized by comparing the
classification value with a threshold value.